



Prof. Dr. Shafik S. Shafik

شفيق شاكر شفيق

Professor

PROFILE

Prof. Dr. Shafik holds a Bachelor in physics sciences from university of baghdad, Iraq in 1998. His Master's degree and Ph.D in nuclear physics are both from Baghdad University in 2001 and 2006 respectively.

Shafik's research and development experience includes over 18 years in the Academia and Industry. He supervised more than 60 theses of M.Sc. and Ph.D. students in different fields.

ACADEMIC TITLES

2014-11-27 Professor

GRADUATE SUPERVISION

Partial Level Densities for Neutron Induced Pre-equilibrium Nuclear Reactions

Shaimaa Mahdi Qaduri (2010)

ADMINISTRATIVE POSITIONS

2021-08-02 - Present Chancellor
2007-12-07 - 2010-10-01 Registrar of College of Science - University of Baghdad
2010-01-10 - 2014-08-20 Deputy Dean for Undergraduate and Postgraduate Student Affairs / College of Science / University of Baghdad
2014-08-20 - 2017-07-20 Vice Chancellor of Al- Karkh University

PUBLICATIONS (139)

- Urbanization-Climate Change Interactions and Their Effects on Surface Heat Island in Tropical Monsoon Environments**
Physics and Chemistry of the Earth, Parts A/B/C, 104317, 2026 | 2026 | Cited: 1
- Performance assessment of advanced data-intelligence models for solar radiation forecasting: a case study in a high solar potential region**
Climatic Change 178 (10), 1-24, 2025 | 2025
- Performance assessment of advanced data-intelligence models for solar radiation forecasting: a case study in a high solar potential region**
Climatic Change 178 (10), 177, 2025 | 2025 | Cited: 2
- Two decadal monthly forest ecological challenges and climate variability analysis in Cambodia**
Acta Geophysica 73 (5), 5019-5041, 2025 | 2025 | Cited: 26
- Two decadal monthly forest ecological challenges and climate variability analysis in Cambodia**
Acta Geophysica, 1-23, 2025 | 2025 | Cited: 26
- A review of APHRODITE performance in Asia: current status and research concerns**
Journal of Hydrology 651, 132562, 2025 | 2025 | Cited: 11
- Wildfire-derived deforestation, climate, and biodiversity variables analysis in Cambodia**
Physics and Chemistry of the Earth, Parts A/B/C 139, 103894, 2025 | 2025 | Cited: 4

CONTACT

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EDUCATION

دكتوراه (15-11-2006)

Nuclear Physics

University of Baghdad

RESEARCH METRICS

h-index (Scopus) 11
h-index (GS) 14
Citations (Scopus) 396
Citations (GS) 729
Documents (Scopus) 50
Documents (GS) 94

AWARDS

• Bronze Medal From the Kuwait Science Club



8. **Integrating experimental-based vulnerability mapping with intelligent identification of multi-aquifer groundwater salinization**
Next Sustainability 5, 100115, 2025 | 2025 | Cited: 4
9. **An investigation on creep deformation and mechanical properties of a polycrystalline Fe-based alloy: a molecular dynamics study**
Mechanics of Advanced Materials and Structures 31 (16), 3543-3552, 2024 | 2024 | Cited: 4
10. **Stealth Nanocarriers in Cancer Therapy: a comprehensive review of design, functionality, and clinical applications**
AAPS PharmSciTech 25 (6), 140, 2024 | 2024 | Cited: 13
11. **Observed and future shifts in climate zone of Borneo based on CMIP6 models**
Journal of Environmental Management 360, 121087, 2024 | 2024 | Cited: 15
12. **Wind speed prediction and insight for generalized predictive modeling framework: a comparative study for different artificial intelligence models**
Neural Computing and Applications 36 (23), 14119-14150, 2024 | 2024 | Cited: 12
13. **Biological investigation of a novel nanocomposite based on xanthan gum-alginate hydrogel/PVA, incorporated with ZnMnFe₂O₄ nanoparticles**
International Journal of Biological Macromolecules 271, 132267, 2024 | 2024 | Cited: 13
14. **Magnetic nanocomposite based on chitosan-gelatin hydrogel embedded with copper oxide nanoparticles: A novel and promising catalyst for the synthesis of polyhydroquinoline ...**
International Journal of Biological Macromolecules 263, 130211, 2024 | 2024 | Cited: 11
15. **Computational analysis of turbulent flow characteristics in nanofluids containing 1-D and 2-D carbon nanomaterials: grid optimization and performance evaluation**
Engineering Applications of Computational Fluid Mechanics 18 (1), 2396058, 2024 | 2024 | Cited: 1
16. **Data driven insights for parabolic trough solar collectors: Artificial intelligence-based energy and exergy performance analysis**
Journal of Cleaner Production, 141069, 2024 | 2024
17. **Data driven insights for parabolic trough solar collectors: Artificial intelligence-based energy and exergy performance analysis**
Journal of Cleaner Production 443, 141069, 2024 | 2024 | Cited: 24
18. **Development of optimized machine learning models for predicting flat plate solar collectors thermal efficiency associated with Al₂O₃-water nanofluids**
Engineering Applications of Artificial Intelligence 133, 108158, 2024 | 2024 | Cited: 33
19. **Magnetic nanocomposite based on chitosan-gelatin hydrogel embedded with copper oxide nanoparticles: A novel and promising catalyst for the synthesis of polyhydroquinoline ...**
International Journal of Biological Macromolecules, 130211, 2024 | 2024
20. **Stealth nanocarriers in cancer therapy: a comprehensive review of design, functionality, and clinical applications**
Aaps Pharmscitech 25 (6), 140, 2024 | 2024 | Cited: 24
21. **Microwave assisted Fraunhofer diffraction pattern in a four-level light–matter coupling scheme**
Laser Physics 34 (5), 055207, 2024 | 2024 | Cited: 1
22. **A review of APHRODITE performance in Asia: current status and research concerns**
Journal of Hydrology, 132562, 2024 | 2024 | Cited: 8
23. **Hazard indices and cancer risks estimations due to inhalation of lead in air of some Baghdad cities**
AIP Conference Proceedings 2591 (1), 030076, 2023 | 2023
24. **The indoor air radioactivity content determination in districts of Baghdad governorate**
AIP Conference Proceedings 2591 (1), 030071, 2023 | 2023
25. **Synthesis of TiO₂/rGO composite coatings on titanium alloys with enhanced anticorrosion performance in palmitic acid-incorporated physiological solutions**
Ceramics International 49 (21), 33598-33606, 2023 | 2023 | Cited: 24
26. **The Radioprotective potentials of Silymarin/Silibinin against radiotherapy-induced toxicities: a systematic review of clinical and experimental studies**
Current Medicinal Chemistry 30 (33), 3775-3797, 2023 | 2023 | Cited: 23

27. **Magnesium ferrite as a dispersive solid-phase extraction sorbent for the determination of organic pollutants using spectrophotometry**
Journal of Molecular Liquids 382, 121969, 2023 | 2023 | Cited: 9
28. **An efficient and durable bifunctional electrocatalyst based on SnO₂/CNT toward electrocatalytic full water splitting (Retraction of Vol 922, art no 166284, 2022)**
JOURNAL OF ALLOYS AND COMPOUNDS 947, 2023 | 2023 | Cited: 1
29. **Retraction notice to "An efficient and durable bifunctional electrocatalyst based on SnO₂/CNT toward electrocatalytic full water splitting"[J]. Alloys Compd. 922 (2022) 166284]**
Journal of Alloys and Compounds 947, 168741, 2023 | 2023
30. **Hazard indices and cancer risks estimations due to inhalation of lead in air of some Baghdad cities**
AIP Conference Proceedings 2591 (1), 2023 | 2023
31. **The indoor air radioactivity content determination in districts of Baghdad governorate**
AIP Conference Proceedings 2591 (1), 2023 | 2023
32. **An investigation on creep deformation and mechanical properties of a polycrystalline Fe-based alloy: a molecular dynamics study**
Mechanics of Advanced Materials and Structures, 1-10, 2023 | 2023
33. **The effects of alloying composition on plasticity and strength of notched metallic glasses**
Proceedings of the Institution of Mechanical Engineers, Part L: Journal of ..., 2023 | 2023
34. **Effect of Gamma Radiation and Borax on Mechanical Properties of Polyvinyl Alcohol and Chitosan Blend Film**
2022 International Symposium on Multidisciplinary Studies and Innovative ..., 2022 | 2022 | Cited: 2
35. **The Proposal of Equations Fitting for Maximum Nuclear Stopping Power Contribution of Incident Lithium in Some Different Elements**
2022 International Symposium on Multidisciplinary Studies and Innovative ..., 2022 | 2022
36. **Research Study on Relation between Age and Bone Mineral Density**
2022 International Symposium on Multidisciplinary Studies and Innovative ..., 2022 | 2022 | Cited: 1
37. **Weidong Li¹, Jianping Qiu², Leila Baharinikoo³, T. CH. Anil Kumar⁴, Basim Al-qargholi⁵**
Scientific Reports 12, 12806, 2022 | 2022
38. **An efficient and durable bifunctional electrocatalyst based on SnO₂/CNT toward electrocatalytic full water splitting**
Journal of Alloys and Compounds 922, 166284, 2022 | 2022 | Cited: 3
39. **Dispersive solid phase microextraction based on magnesium oxide nanoparticles for preconcentration of auramine O and methylene blue from water samples**
Scientific Reports 12 (1), 12806, 2022 | 2022 | Cited: 11
40. **Integration of extreme gradient boosting feature selection approach with machine learning models: application of weather relative humidity prediction**
Neural Computing and Applications 34 (1), 515-533, 2022 | 2022 | Cited: 104
41. **Morphological control: properties and applications of metal nanostructures**
Advances in Materials Science and Engineering 2022, 1-15, 2022 | 2022 | Cited: 32
42. **Magnetic nanoparticles supported zinc (II) complex (Fe₃O₄@ SiO₂-Imine/Thio-Zn (OAc) ₂): a green and efficient magnetically reusable zinc nanocatalyst for synthesis of nitriles ...**
Synthetic Communications 52 (9-10), 1245-1253, 2022 | 2022 | Cited: 19
43. **Abundant wave solutions for generalized Hietarinta equation with Hirota's bilinear operator**
Modern Physics Letters B 36 (10), 2250032, 2022 | 2022 | Cited: 32
44. **Study the Relation between Concentrations of Radium Isotope and Bone Mineral Density in Maysan and DhiQar Governorate**
NeuroQuantology 20 (11), 2208, 2022 | 2022
45. **Magnetic nanoparticles supported zinc (II) complex (Fe₃O₄@SiO₂-Imine/Thio-Zn(OAc)₂): a green and efficient magnetically reusable zinc nanocatalyst for ...**
Synthetic Communications 52 (9-10), 1245-1253, 2022 | 2022 | Cited: 24
46. **Morphological control: properties and applications of metal nanostructures**
Advances in Materials Science and Engineering 2022 (1), 1971891, 2022 | 2022 | Cited: 63

47. **RETRACTED: An efficient and durable bifunctional electrocatalyst based on SnO₂/CNT toward electrocatalytic full water splitting**
Journal of Alloys and Compounds 922, 166284, 2022 | 2022 | Cited: 3
48. **Role of thermal history on atomic structure and ductility of ion-irradiated metallic glasses**
Modelling and Simulation in Materials Science and Engineering 30 (2), 025002, 2022 | 2022 | Cited: 3
49. **Effect of gamma radiation and borax on mechanical properties of polyvinyl alcohol and chitosan blend film**
2022 international symposium on multidisciplinary studies and innovative ... , 2022 | 2022 | Cited: 3
50. **Chitin Preparation and Characterization from Chicken Bone**
Eco Env Cons 27, S150-6, 2021 | 2021 | Cited: 1
51. **Estimating the concentration of heavy elements in some types of imported and local wheat flour used in bakeries of Wasit Governorate.**
2021
52. **Measurements the concentration of heavy elements in soil and irrigation water for wheat farms in wasit governorate.**
2021
53. **Enhancement mechanical properties of cellulose ethers-polyvinyl alcohol blend by UV irradiation**
Iranian Journal of Ichthyology 8, 168-176, 2021 | 2021 | Cited: 2
54. **Role of thermal history on atomic structure and ductility of ion-irradiated metallic glasses**
Modelling and Simulation in Materials Science and Engineering 30 (2), 025002, 2021 | 2021 | Cited: 3
55. **Research Article Enhancement mechanical properties of cellulose ethers-polyvinyl alcohol blend by UV irradiation**
Iran. J. Ichthyol.(ICAES special issue 2021) 168, 176, 2021 | 2021
56. **Electron, Proton, and Alpha Stopping Powers of Polyvinyl toluene (PVT) Scintillator Crystal**
IOP Conference Series: Materials Science and Engineering 928 (7), 072134, 2020 | 2020 | Cited: 2
57. **Pre-Equilibrium Differential and Double Differential Cross Sections of Neutrons Induce Nuclear Reactions in ⁶⁴Zn Nucleus**
IOP Conference Series: Materials Science and Engineering 928 (7), 072145, 2020 | 2020
58. **The Effect of Form Factor Shape on the Nuclear Stopping Power of Calcium, Iron, Zirconium, and Lead Elements**
IOP Conference Series: Materials Science and Engineering 928 (7), 072135, 2020 | 2020
59. **ESTIMATING THE CONCENTRATION OF HEAVY ELEMENTS IN SOME TYPES OF IMPORTED AND LOCAL WHEAT FLOUR USED IN BAKERIES OF WASIT GOVERNORATE.**
Biochemical & Cellular Archives 20 (1), 2020 | 2020
60. **MEASUREMENTS THE CONCENTRATION OF HEAVY ELEMENTS IN SOIL AND IRRIGATION WATER FOR WHEAT FARMS IN WASIT GOVERNORATE.**
Biochemical & Cellular Archives 20 (1), 2020 | 2020
61. **Cancer Risk Assailments Due to Inhale Lead Fly Ash by People in Wasit Governorate–Iraq**
IOP Conference Series: Materials Science and Engineering 928 (7), 072027, 2020 | 2020 | Cited: 2
62. **Measurement of Radioactive Potassium-40 to Specify Potassium Element in Wheat and Its Derivatives for Wasit Governorate–Iraq**
IOP Conference Series: Materials Science and Engineering 928 (7), 072039, 2020 | 2020 | Cited: 1
63. **Measurement the Radiation Absorbed Dose Rate in Some Schools of Wasit Governorate–Iraq**
IOP Conference Series: Materials Science and Engineering 928 (7), 072037, 2020 | 2020 | Cited: 2
64. **Electron Stopping Powers of Chitin and Chitosan**
IOP Conference Series: Materials Science and Engineering 928 (7), 072141, 2020 | 2020 | Cited: 1
65. **Measurement of Radioactive Potassium-40 to Specify Potassium Element in Wheat and Its Derivatives for Wasit Governorate–Iraq**
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66. **Electron Stopping Powers of Chitin and Chitosan**
IOP Conference Series: Materials Science and Engineering 928 (7), 072141, 2020 | 2020 | Cited: 1

67. **Pre-Equilibrium Differential and Double Differential Cross Sections of Neutrons Induce Nuclear Reactions in ^{64}Zn Nucleus**
IOP Conference Series: Materials Science and Engineering 928 (7), 072145, 2020 | 2020
68. **Radioactivity content of wheat fields in Wasit Governorate-Iraq**
Journal of Physics: Conference Series 1279 (1), 012041, 2019 | 2019 | Cited: 6
69. **Secondary Emission Effect on Some Pre-Equilibrium Nuclear Reactions Spectra at Different Energies**
Iraqi Journal of Science, 34-39, 2019 | 2019 | Cited: 3
70. **The annual inhalation radiation effective dose estimations for hookah tobacco smoking of Baghdad's publics**
Journal of Physics: Conference Series 1279 (1), 012044, 2019 | 2019 | Cited: 2
71. **Secondary Emission Effect on Some Pre-Equilibrium Nuclear Reactions Spectra at Different Energies**
IJS, 34-9, 2019 | 2019 | Cited: 1
72. **The annual inhalation radiation effective dose estimations for hookah tobacco smoking of Baghdad's publics**
Journal of Physics: Conference Series 1279 (1), 012044, 2019 | 2019 | Cited: 2
73. **Investigation of Isospin Conservation Effects on Pre-Equilibrium Nuclear Reactions for Some Nuclei**
Journal of Physics: Conference Series 1178 (1), 012005, 2019 | 2019 | Cited: 2
74. **Radioactivity content of wheat fields in Wasit Governorate-Iraq**
Journal of Physics: Conference Series 1279 (1), 012041, 2019 | 2019 | Cited: 6
75. **Natural Occurring Radioactive Materials in Dusty Air of Baghdad City—Iraq.**
Journal of Physics: Conference Series 1279 (1), 012050, 2019 | 2019 | Cited: 2
76. **Urinary excretion as a function of uranium concentration in bladder cancer patients using kinetic phosphorimetry analyzer**
Journal of Physics: Conference Series 1032 (1), 012026, 2018 | 2018 | Cited: 4
77. **CR-39 As A Tool For Uranium Concentration Calculation In Bio Assay Sample: Bladder Cancer As Case Study.**
Research Journal Of Pharmaceutical Biological And Chemical Sciences 9 (6 ...), 2018 | 2018 | Cited: 9
78. **Natural radioactivity and radiation risk assessment in fly ash Soil and Water Samples Collected from and around of the AL-Zubaydiyah Thermal Power Plant, wasit, Iraq**
Journal of Wasit for Science and Medicine 11 (1), 46-57, 2018 | 2018 | Cited: 1
79. **NORM in Markazia Degasing Station within North Rumaila Oilfield-Southern Iraq**
Iraqi Journal of Science, 1464-1476, 2017 | 2017 | Cited: 12
80. **Radiological assessment of NORM resulting from oil and gas production processing in South Rumaila oil field, Southern Iraq**
Iraqi Journal of Science, 1037-1050, 2017 | 2017 | Cited: 35
81. **Radiological assessment of NORM resulting from oil and gas production processing in South Rumaila oil field, Southern Iraq**
Iraqi Journal of Science 58 (2C), 1037-1050, 2017 | 2017 | Cited: 27
82. **Measurement of Radon and Thoron Concentration in Environment of the College of Science for Women in Baghdad University**
International Journal of Engineering Trends and Technology 34 (2), 71-75, 2016 | 2016 | Cited: 1
83. **Estimate the concentrations of some Heavy Metals (cadmium, copper, nickel, lead) in carp fish, fish feed, water, sediment in artificial lake of Baghdad city**
Iraqi Journal of Science, Special Issue, Part A, 46-54, 2016 | 2016 | Cited: 6
84. **Measurements of radon, thoron and their progeny concentrations using twin cup dosimeter for indoor Al-Madaan city—Baghdad—Iraq**
Iraqi Journal of Physics 14 (30), 24-32, 2016 | 2016 | Cited: 7
85. **Measurement the concentrations of the Radon for drinking water samples in Kut city**
Journal of Wasit for Science and Medicine 8 (4), 111-116, 2016 | 2016 | Cited: 2

86. **Measurement of Radon Concentration in Fly Ash Samples from Electric Power Stations in Iraq in The Middle & South by using Nuclear Track Detector CR-39**
Iraqi Journal of Science, 1402-1407, 2016 | 2016 | Cited: 1
87. **The concentrations of Natural Radioactivity in Fly Ash Released from Al-Dura thermal Power Plant in The south of Baghdad City**
Iraqi Journal of Science, 1192-1197, 2016 | 2016 | Cited: 5
88. **Measurement of background radiation, cosmic ray flux and their hazard parameter of Baghdad city districts**
Iraqi Journal of Physics 14 (31), 179-187, 2016 | 2016
89. **Determination of Neutron Fermi Age for Stable and Radioactive Waste Materials using SSNTD (LR-115) Technique**
2015
90. **Gamma ray effect on the properties of R590 and C480 laser dyes**
Iraqi Journal of Physics 13 (27), 24-30, 2015 | 2015 | Cited: 2
91. **Estimating excess of lung risk factor of radon gas for some houses in Al-Fallujah city**
Iraqi Journal of Physics 13 (26), 160-170, 2015 | 2015 | Cited: 4
92. **Radon concentration measurements in sludge of oil fields in North Oil Company (NOC) of Iraq**
Iraqi Journal of Physics 13 (26), 139-145, 2015 | 2015 | Cited: 10
93. **Estimating excess of lung risk factor of radon gas for some houses in Al-Fallujah city**
Iraqi Journal of Physics 13 (26), 160-170, 2015 | 2015 | Cited: 4
94. **Determination of Neutron Fermi Age for Stable and Radioactive Waste Materials using SSNTD (LR-115) Technique**
Proceedings of the 12th Arab Conference on the Peaceful Uses of Atomic ..., 2015 | 2015
95. **Radon concentration measurements in sludge of oil fields in North Oil Company (NOC) of Iraq**
Iraqi Journal of Physics 13 (26), 139-145, 2015 | 2015 | Cited: 16
96. **Gamma ray effect on the properties of R590 and C480 laser dyes**
Iraqi Journal of Physics 13 (27), 24-30, 2015 | 2015 | Cited: 2
97. **Estimating excess of lung risk factor of radon gas for some houses in Al-Fallujah city**
Iraqi Journal of Physics 13 (26), 160-170, 2015 | 2015 | Cited: 3
98. **Uranium concentration in soil of some Eastern Iraqi regions using nuclear track detector (CR-39)**
Asian Journal of Applied Science and Engineering 3 (9), 61-71, 2014 | 2014 | Cited: 3
99. **Measurement of the uranium concentration in different types of tea used in Iraqi kitchen**
Iraqi Journal of Science, 1039-1043, 2014 | 2014 | Cited: 10
100. **Determination uranium concentrations and effective dose of drinking water for Nineveh Governorate Iraq, using kinetic phosphorescence analyzer (KPA)**
Journal of Environmental Protection 2014, 200-206, 2014 | 2014 | Cited: 11
101. **Measurement of the uranium concentration in different types of tea used in Iraqi kitchen**
Iraqi Journal of Science 55 (3A), 1039-1043, 2014 | 2014 | Cited: 7
102. **Determination uranium concentrations and effective dose of drinking water for Nineveh Governorate—Iraq, using Kinetic Phosphorescence Analyzer (KPA)**
Journal of Environmental Protection 2014, 2014 | 2014 | Cited: 11
103. **Preparation of PVA/corn starch blend films and studying the influence of gamma irradiation on mechanical properties**
International Journal of Materials Science and Applications 3 (2), 25-28, 2014 | 2014 | Cited: 38
104. **Study and measurements of the uranium and amorphous crystals concentrations in urine samples of breast cancer female patients**
Iraqi Journal of Physics 12 (25), 113-122, 2014 | 2014 | Cited: 8
105. **Uranium Concentration in Soil of some Eastern Iraqi Regions using Nuclear Track Detector (CR-39)**
Asian Journal of Applied Science and Engineering 3 (4), 429-438, 2014 | 2014 | Cited: 1
106. **Measurement of uranium concentrations in tobacco cigarettes consumed by Iraqi publics using kinetic phosphorescence analyzer (KPA)**
Inter. J. Curr. Eng. Technol. 4, 278-281, 2014 | 2014 | Cited: 4

107. **Differential Cross-section comparison calculated from Kalbach and Iwamoto-Harada Models for alpha emission in pre-equilibrium region**
American Journal of Physics and Application 2, 52-55, 2014 | 2014 | Cited: 3
108. **Nuclear Level Density Parameter of $^{161-168}\text{Er}$ and $^{204-210}\text{Bi}$ Deform Nuclei**
Journal of Al-Nahrain university. Science 17, 2014 | 2014
109. **Nuclear Level Density Parameter of $^{161-168}\text{Er}$ and $^{204-210}\text{Bi}$ Deforme Nuclei**
Al-Nahrain Journal of Science 17 (3), 81-87, 2014 | 2014 | Cited: 2
110. **Investigation of the Appropriate Partial Level Density Formula for Pre-Equilibrium Nuclear Exciton Model**
Journal of Applied Mathematics and Physics 1 (03), 47, 2013 | 2013 | Cited: 6
111. **Specific Activity and Effective Dose Measurements for Different Potassium Salts Which Used by Iraqi Costumers**
journal of kerbala university 11 (3), 2013 | 2013 | Cited: 4
112. **Measurement of radon and uranium concentrations and background gamma rays at the University of Baghdad-Jadiriya site**
International Journal of Application or Innovation in Engineering ..., 2013 | 2013 | Cited: 11
113. **Investigation of the Appropriate Partial Level Density Formula for Pre-Equilibrium Nuclear Exciton Model**
Journal of Applied Mathematics and Physics 1 (3), 47-54, 2013 | 2013 | Cited: 6
114. **Specific Activity and Effective Dose Measurements for Different Potassium Salts Which Used by Iraqi Costumers**
journal of kerbala university 11 (3), 304-308, 2013 | 2013 | Cited: 4
115. **COMPUTATION OF TWO-COMPONENT TRANSITION RATES OF PREEQUILIBRIUM STATES**
Iraqi journal of science 52 (2), 186-198, 2011 | 2011 | Cited: 1
116. **Study the Shielding Properties against Gamma-rays for Epoxy Resin Reinforced by Different materials**
Baghdad Science Journal 8 (3), 705-710, 2011 | 2011 | Cited: 2
117. **Study the Shielding Properties against Gamma-rays for Epoxy Resin Reinforced by Different materials**
Baghdad Science Journal 8 (3), 3, 2011 | 2011 | Cited: 2
118. **Measurement of Background Radioactivity in Baghdad's Main Water Supply Stations: Sediment Samples**
Iraqi Journal of Physics 9 (14), 57-69, 2011 | 2011 | Cited: 5
119. **Study the Shielding Properties against Gamma-rays for Epoxy Resin Reinforced by Different materials**
Baghdad Science Journal 8 (3), 2011 | 2011 | Cited: 1
120. **COMPUTATION OF TWO-COMPONENT TRANSITION RATES OF PREEQUILIBRIUM STATES**
Iraqi journal of science 52 (2), 186-198, 2011 | 2011
121. **A Suggested Numerical Solution for the Master Equation of Nuclear Reaction**
Journal of Kerbala University 7 (1), 2009 | 2009
122. **Angular momentum distribution for state density with non-ESM dependence**
Atti della Fondazione Giorgio Ronchi, 7, 2009 | 2009 | Cited: 2
123. **CALCULATIONS OF NUCLEAR LEVEL DENSITIES**
2007
124. **SHELL STRUCTURE EFFECTS ON LEVEL DENSITY CALCULATIONS WITH EQUIDISTANT SPACING MODEL**
2007
125. **Level Density Calculations for the Nuclear Exciton States**
2007
126. **THE EXCITON MODEL**
2007

127. **Exciton Model And Pre-Equilibrium Decay Emission**
2007
128. **Chicken Bone as Chitin Source**
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129. **Measurement of Radon and Thoron Concentration in Environment of the College of Science for Women in Baghdad University**
0
130. **Simple Numerical Solution for the Master Equation of Nuclear Statistical Model**
0
131. **Preequilibrium Emission Spectra Calculations of Proton-Neutron Reactions with 54, 56 Fe and 103 Rh Nuclei**
0
132. **Chitin Preparation and characterization from Chicken Bone**
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133. **Isothermal Annealing of Deformed Aluminum Probed Via the Doppler Broadening Technique**
عمادة البحث العلمي والدراسات العليا-جامعة اليرموك, 0
134. **Chicken Bone as Chitin Source**
135. **Measurement of Radon and Thoron Concentration in Environment of the College of Science for Women in Baghdad University**
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137. **Preequilibrium Emission Spectra Calculations of Proton-Neutron Reactions with 54, 56 Fe and 103 Rh Nuclei**
138. **Chitin Preparation and characterization from Chicken Bone**
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عمادة البحث العلمي والدراسات العليا-جامعة اليرموك, 0